

TABLE 7-22

Top academic institutions awarding S&E doctoral degrees, by race or ethnicity of U.S. citizen and permanent resident minority recipients: 2012–16

(Number)

Race or ethnicity and academic institution	Doctorate recipients
American Indian or Alaska Native	
All institutions	537
Top 29 institutions	260
U. Arizona	23
U. California, Berkeley	21
U. California, Davis	17
U. Colorado Boulder	17
U. Washington, Seattle	17
U. California, San Diego	14
U. Oklahoma, Norman	12
U. Minnesota, Twin Cities	10
U. North Dakota	10
Walden U.	9
Arizona State U., Tempe	7
Capella U.	7
Massachusetts Institute of Technology	7
Oklahoma State U.	7
Oregon State U.	7
U. Iowa	7
Colorado State U., Fort Collins	6
U. Alaska, Fairbanks	6
U. Chicago	6
Alliant International U., San Diego	5
Argosy U., Online	5
George Mason U.	5
Michigan State U.	5
Palo Alto U.	5
Sofia U.	5
Texas A&M U., College Station and Health Science Center	5
U. California, Irvine	5
U. California, Santa Barbara	5
U. Massachusetts, Amherst	5
All other institutions	277
Asian	
All institutions	11,116
Top 20 institutions	4,456
U. California, Los Angeles	376
U. California, Berkeley	342
Stanford U.	329
U. Michigan, Ann Arbor	257
U. California, San Diego	254
Massachusetts Institute of Technology	250
U. California, Davis	247
U. California, Irvine	242
Harvard U.	237
Duke U.	210
U. Washington, Seattle	194
U. Southern California	187
U. Illinois, Urbana-Champaign	185
Johns Hopkins U.	183
Georgia Institute of Technology	180

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Columbia U. in the City of New York	170
U. Texas, Austin	168
U. Pennsylvania	162
U. Maryland, College Park	145
Rutgers, State U. New Jersey, New Brunswick	138
All other institutions	6,660
Black or African American	
All institutions	6,564
Top 20 institutions	2,098
Capella U.	360
Walden U.	307
Howard U.	238
Argosy U., Sarasota	99
Argosy U., Phoenix	93
U. Michigan, Ann Arbor	84
Georgia Institute of Technology	83
U. of California, Berkeley	75
Alliant International U., San Diego	74
U. Florida	73
U. North Carolina, Chapel Hill	68
Johns Hopkins U.	65
CUNY, Graduate Center	64
Vanderbilt U.	63
U. Maryland, College Park	61
Purdue U.	60
Rutgers U., New Brunswick	60
Jackson State U.	58
Texas A&M U., College Station and Health Science Center	57
North Carolina Agricultural and Technical State U.	56
All other institutions	4,466
Hispanic^a	
All institutions	8,120
Top 20 institutions	2,810
Carlos Albizu U., San Juan	392
Alliant International U., San Diego	256
U. California, Berkeley	173
Pontifical Catholic U. Puerto Rico, Ponce	172
U. Florida	140
Texas A&M U., College Station and Health Science Center	139
U. California, Los Angeles	139
U. Puerto Rico, Rio Piedras	139
U. Michigan, Ann Arbor	133
CUNY, Graduate Center	123
Stanford U.	123
U. Texas, Austin	115
U. California, Davis	112
Carlos Albizu U., Miami	103
U. California, San Diego	101
U. California, Irvine	99
Massachusetts Institute of Technology	98
U. Texas, El Paso	90

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Race or ethnicity and academic institution	Doctorate recipients
U. Southern California	83
Florida International U.	80
All other institutions	5,310
Native Hawaiian or Other Pacific Islander	
All institutions	132
Top 20 institutions	72
U. Hawaii, Manoa	10
U. North Carolina, Chapel Hill	9
U. California, Berkeley	8
Alliant International U., San Diego	6
California Institute of Technology	4
Cornell U., Weill Cornell Medicine	4
Pennsylvania State U.	3
U. California, Los Angeles	3
U. California, Santa Cruz	3
College of William and Mary	2
Duke U.	2
Harvard U.	2
Rice U.	2
Tulane U.	2
U. California, Davis	2
U. Illinois, Urbana-Champaign	2
U. Minnesota, Twin Cities	2
U. Nebraska, Lincoln	2
U. New Mexico	2
U. Washington, Seattle	2
All other institutions	60
More than one race^b	
All institutions	1,864
Top 20 institutions	837
Stanford U.	157
Alliant International U., San Diego	78
U. Michigan, Ann Arbor	62
U. Iowa	54
Harvard U.	45
U. Hawaii, Manoa	40
Cornell U.	33
Georgia Institute of Technology	32
U. Illinois, Urbana-Champaign	32
Yale U.	32
Columbia U. in the City of New York	29
Massachusetts Institute of Technology	29
U. Chicago	29
Vanderbilt U.	29
U. Arizona	27
U. Minnesota, Twin Cities	27
U. Wisconsin-Madison	27
Johns Hopkins U.	26
Pennsylvania State U.	26
U. North Carolina, Chapel Hill	23
All other institutions	1,027

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(Number)

S&E = science and engineering.

^a Hispanic or Latino may be any race.

^b In 2011, the survey required institutions to begin reporting information on more than one race, along with information in the other racial and ethnic categories, but institutions were not required to update the race and ethnicity data of individuals who were already in the system. Therefore, the number reported for more than one race for the early years following 2011 is likely to be an undercount.

Note(s)

Institutions awarding the same number of degrees are listed alphabetically. Data in this table differ from doctoral degree data in this report that are based on the National Center for Science and Engineering Statistics' Survey of Earned Doctorates (SED). SED data are for research doctorates only. The greatest differences are in psychology, education, and medical and other health sciences. Before 2008, the National Center for Education Statistics (NCES) used two doctoral degree categories: doctor's and first-professional. In 2008 and 2009, NCES allowed optional reporting in three new doctoral degree categories: doctor's—research or scholarship, doctor's—professional practice, and doctor's—other. In 2010, NCES required institutions to use only the three new doctoral degree categories. With the new reporting system, degrees formerly classified as first-professional (e.g., MDs and JDs) can be reported as doctoral degrees, most often as doctor's—professional practice. In this table, data for 2008 and 2009 include only doctorates reported under the old doctor's degree category plus those reported as doctor's—research or scholarship. Data for 2010 and later include only doctorates reported as doctor's—research or scholarship. Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs and do not match previously published data that were based on accredited higher education institutions.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, unrevised provisional release data.